

#### ABSTRACT OF THE DISCLOSURE

Peptides synthesized to match telopeptide components of type III collagen degradation products in body fluids, selected from among DVKSGVAVGG (SEQ ID NO:33), YDVKSGVAVGG (SEQ ID NO:34), SYDVKSGVAVGG (SEQ ID NO:35), DSYDVKSGVAVGG (SEQ ID NO:36), JYDSYDVKSGVAVGG (SEQ ID NO:37), EKAGGF (SEQ ID NO:39), IGGEKAGG (SEQ ID NO:40), IGGEKAGGF (SEQ ID NO:41), IAGIGGEKAGG (SEQ ID NO:42), and IAGIGGEKAGGF (SEQ ID NO:43) are useful as immunogens and antigens in collagen resorption assays.